

Figure 1 is a block diagram of a network system architecture. At the top left, a box labeled 'Client' (34) is connected to a cloud labeled 'Internet' (12a). Below the Internet cloud, a horizontal line represents a network bus (12b), with a bracketed section labeled '12'. A 'Client' (32) is connected to this bus. Below the bus, a 'Secure Printer' (36) is connected. Inside the Secure Printer, there is a 'Proc' (40), 'RAM' (44), and a 'ROM' (42) containing a 'Program' (46). A 'Reader' (38) is connected to the Secure Printer and a 'Smart Card' (48) below it. To the right, a 'Server' (14) is connected to the Internet cloud (12a) via a 'NIC' (20). Inside the Server, there is a 'Proc' (16) and a 'Memory' (18) block. The Memory block contains a 'Web Page' (22), 'Documents' (24), an 'OS' (26), a 'CGI' (30), and a 'Server Program' (28).

FIG. 1

FIG. 2

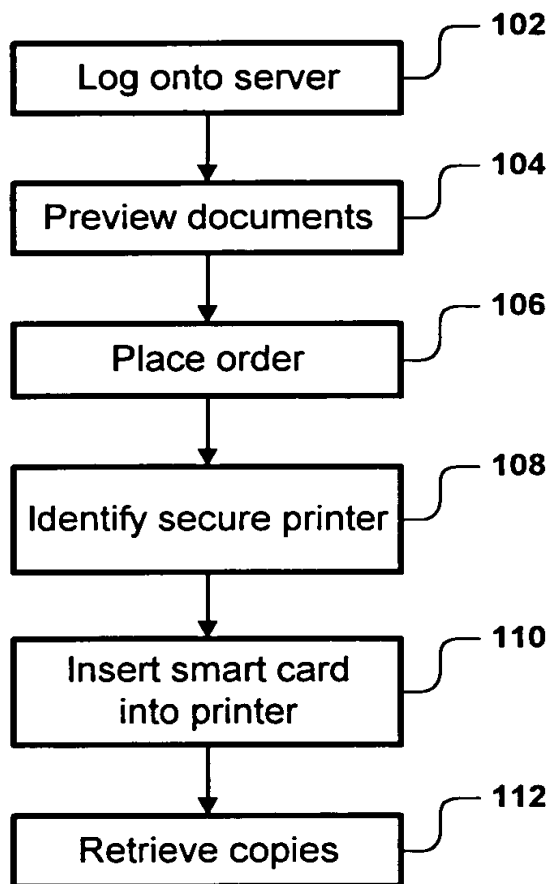
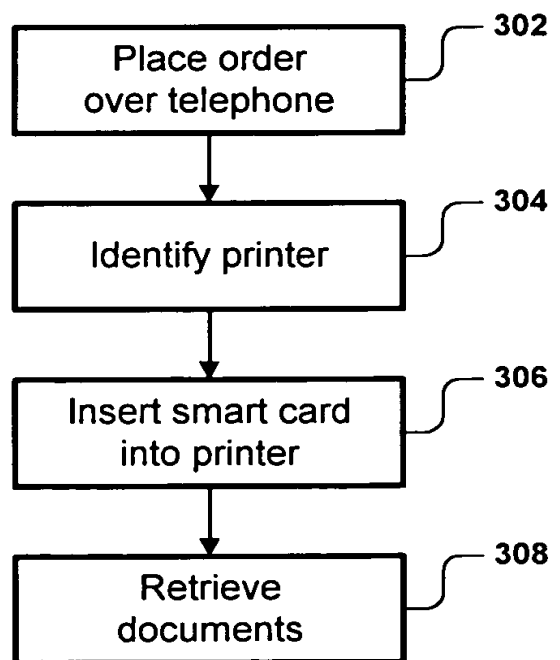


FIG. 4



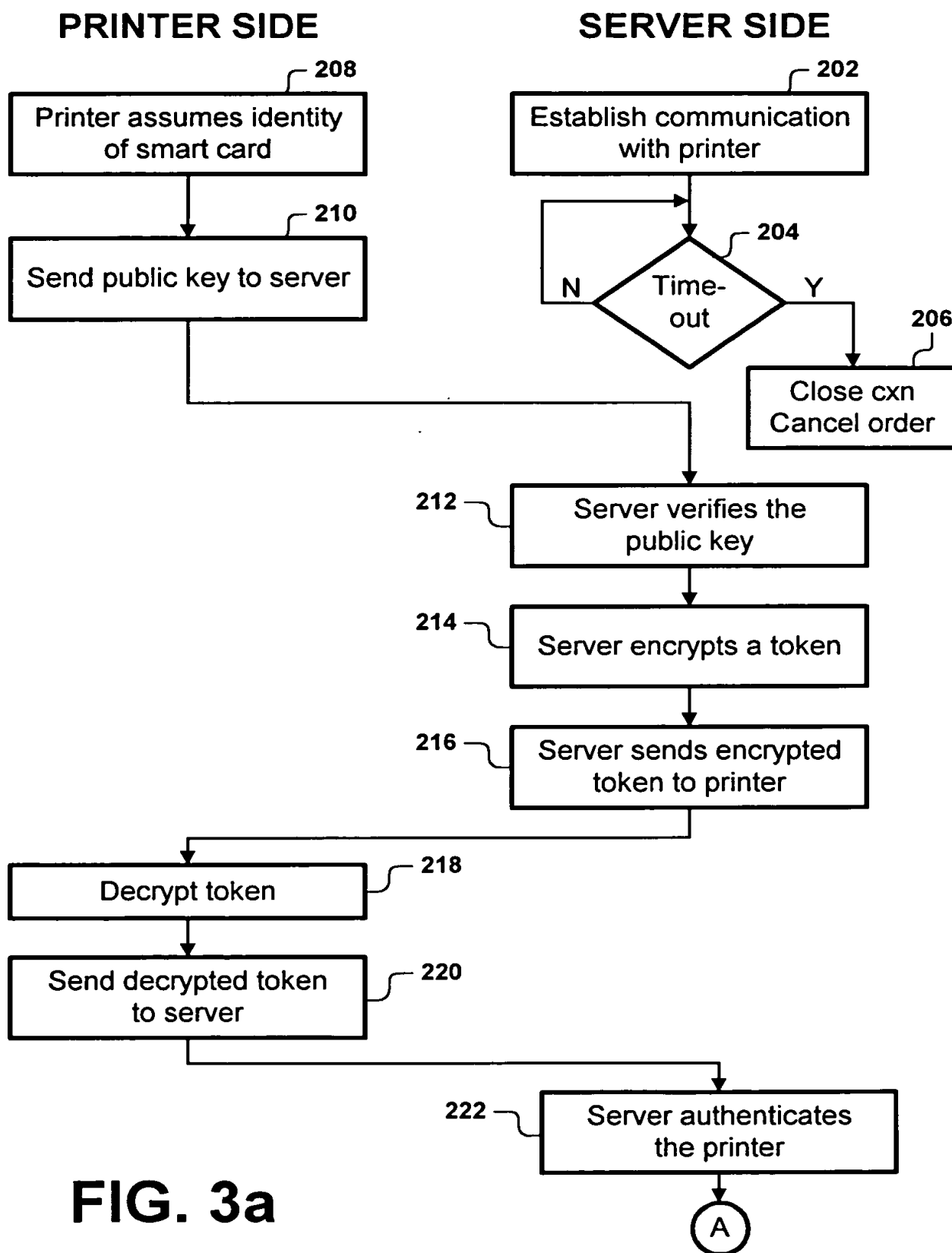


FIG. 3a

PRINTER SIDE

SERVER SIDE

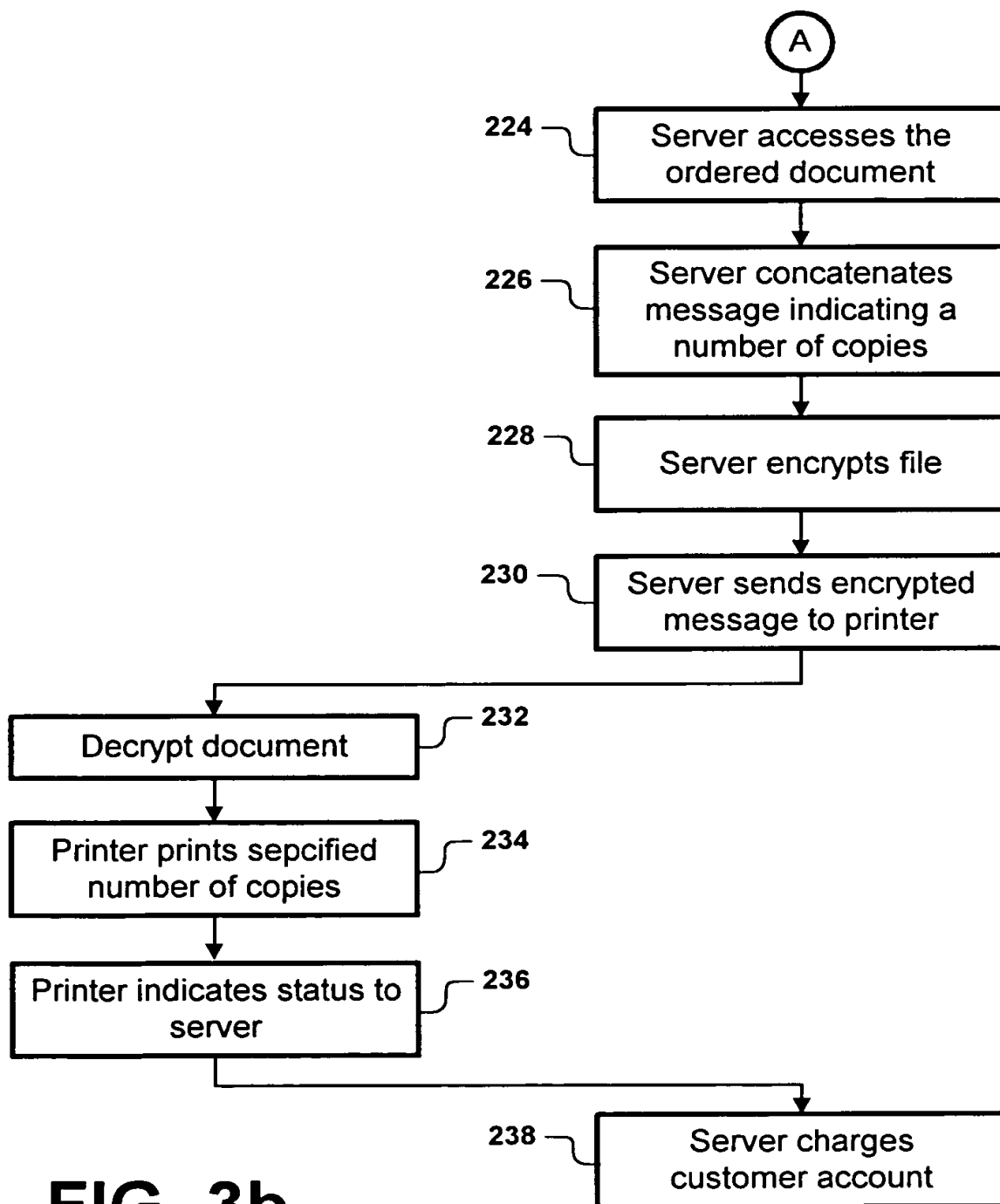


FIG. 3b

FIG. 5